

CLAIMS

1. A fire extinguisher (61) comprising a reservoir
5 made of plastic (60) able to contain a pressurized
extinguishing agent, and a discharge device (65) fixed
to a neck (64) of said reservoir so as to discharge
said extinguishing agent, said discharge device
10 comprising an outlet nozzle (70), and a dip tube (69)
arranged in said reservoir (60) in such a way as to be
able to lead said extinguishing agent from a bottom
part (80) of said reservoir at the opposite end to said
neck toward said outlet nozzle, characterized in that a
15 wall (62) of said reservoir bears an internal rib (63)
of helical shape, the axis (a) of winding of which is
more or less parallel to said dip tube (69).

2. The fire extinguisher as claimed in claim 1,
characterized in that said neck (64) is formed of a
20 double wall projecting toward the inside of said
reservoir.

3. The fire extinguisher as claimed in claim 1 or 2,
characterized in that said neck (64) comprises an
25 internal screw thread (68) for fixing said discharge
device (65) by screwing.

4. The fire extinguisher as claimed in one of
claims 1 to 3, characterized in that it comprises at
30 least one external accessory (72) molded as a
projection on an exterior surface of said wall (62) of
the reservoir.

5. The fire extinguisher as claimed in one of
35 claims 1 to 4, characterized in that it comprises at
least one external handgrip (71) molded as a recess in
said wall (62) of the reservoir.

6. The fire extinguisher as claimed in one of claims 1 to 5, characterized in that said wall (62) of the reservoir has a thickness (e) of between 3 and 5 mm.

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7. The fire extinguisher as claimed in one of claims 1 to 6, characterized in that it has an internal working pressure in excess of 50 bar.

10 8. The fire extinguisher as claimed in one of claims 1 to 7, characterized in that said reservoir (60) has a polygonal cross section.

15 9. The fire extinguisher as claimed in one of claims 1 to 8, characterized in that said extinguishing agent is a powder or water with one or more additives.

20 10. The fire extinguisher as claimed in one of claims 1 to 9, characterized in that said reservoir (60) can be obtained by a molding process with bi-orientation, comprising steps of coating (32) a moving mandrel (10, 11) bearing a helical groove (39) and of blow-molding (43).